

Attachment 5

Weight and Balance

[illegible]

4/30/2004

AS WEIGHED

126,854,585

EMPTY WT

127,705,673

FLIGHT CREW

-5,340

BASIC OPERATING WT

21,913

PREPARED ON: 30-APR-04

17.0 %MAC

N748UP	152,720.6	BOWU
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UPS WEIGHT AND BALANCE WEIGHING FORM

AIRCRAFT N° 1486P SERIAL NO. 45948 MODEL DC8-71F
DATE WEIGHED 04-30-04 LOCATION Greensboro, NC FACILITY TCO
AS WEIGHED: CARGO ☒ PASSENGER ☐

Aircraft Pre-weigh Servicing and Equipment Checklist complete.
Unless otherwise noted below, all standard equipment aboard.

LOAD CELL/ SCALE SERIAL NUMBER	JACK LOCATION	SCALE READING	TARE	SCALE CORRECTION	NET WEIGHT	ARM
GREEN/3680882	NOSE	13090	0	0	13090	71.0
RED/3680881	LT WING	69080	0	0	69080	914.3
YELLOW/3678420A	RT WING	68510	0	0	68510	914.3

SHORTAGES:

Standard equipment items not included in weighing.
See Pre-weigh Servicing and Equipment Checklist.

ITEM	WEIGHT	ARM

OVERAGES:

Items included in weighing, but not part of standard equipment.
See Pre-weigh Servicing and Equipment Checklist.

ITEM	WEIGHT	ARM

INSPECTOR SIGNATURE [Signature]
DATE 04-30-04

CERT. NO. [Redacted]



UPS WEIGHT AND BALANCE WEIGHING FORM

AIRCRAFT N° 7482P SERIAL NO. 45948 MODEL DC8-71E
DATE WEIGHED 04-30-04 LOCATION Greensboro, NC FACILITY TCO
AS WEIGHED: CARGO ☒ PASSENGER ☐

Aircraft Pre-weigh Servicing and Equipment Checklist complete.
Unless otherwise noted below, all standard equipment aboard.

LOAD CELL / SCALE SERIAL NUMBER	JACK LOCATION	SCALE READING	TARE	SCALE CORRECTION	NET WEIGHT	ARM
RED / 1650881	NOSE	13 020	-10	10 0	13 010	71.6
Yellow / 1678420N	LT WING	68 880	-10	10 0	68 870	914.3
GREEN / 1680882	RT WING	68 780	0	0	68 780	914.3

SHORTAGES:

Standard equipment items not included in weighing.
See Pre-weigh Servicing and Equipment Checklist.

ITEM	WEIGHT	ARM

OVERAGES:

Items included in weighing, but not part of standard equipment.
See Pre-weigh Servicing and Equipment Checklist.

ITEM	WEIGHT	ARM

INSPECTOR SIGNATURE

DATE 04-30-04CERT. NO.



UPS WEIGHT AND BALANCE WEIGHING FORM

AIRCRAFT N 1480P SERIAL NO. 45948 MODEL DC8-21F
DATE WEIGHED 01-30-04 LOCATION GREENSBORO, NC FACILITY TGO

AS WEIGHED: CARGO ☒ PASSENGER ☐

Aircraft Pre-weigh Servicing and Equipment Checklist complete.
Unless otherwise noted below, all standard equipment aboard.

LOAD CELL/ SCALE SERIAL NUMBER	JACK LOCATION	SCALE READING	TARE	SCALE CORRECTION	NET WEIGHT	ARM
Yellow/675420D	Nose	13090	0	0	13090	71.62
Green/3690882	Lt Wing	69130	0	0	69130	914.5
Red/3680881	Rt Wing	68800	0	0	68800	914.3

SHORTAGES:

Standard equipment items not included in weighing.
See Pre-weigh Servicing and Equipment Checklist.

ITEM	WEIGHT	ARM

OVERAGES:

Items included in weighing, but not part of standard equipment.
See Pre-weigh Servicing and Equipment Checklist.

ITEM	WEIGHT	ARM

INSPECTOR SIGNATURE [Signature] CERT. NO. [Signature]
DATE 01-30-04



PRE-WEIGH SERVICING AND EQUIPMENT CHECKLIST

A/C TAIL NO. N748 UP MODEL NO. DC8-71F S/N 45948
DATE 04-29-04 WEIGHED BY: S.R. BURFICK 0639

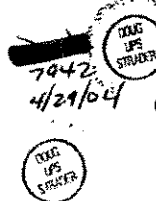
- NOTE: (1) Warm up weighing kit approximately 20 minutes with cells connected and cell balance switch "ON". Preload with load recommended by scale manufacturer.
(2) Whenever possible, check fluid quantities by stick measurement rather than gauge.
(3) For items not applicable to the aircraft, use "N/A", "F" for full, "N" for normal, "MT" for empty, and signature where indicated.
(4) Where items are incomplete or mislocated, indicate by an asterisk (*) and attach detailed description of items and locations.

MECH INSP

1. Engine oil tanks serviced to full. Oil added: 1 <u>NONE</u> 2 <u>NONE</u> 3 <u>NONE</u> 4 <u>NONE</u>	<u>7942</u> 4/29/04	QC255 4/29/04
2. Engine oil systems serviced to full. a. Starter 1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/> b. CSD 1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/>	<u>7942</u> 4/29/04	QC345 04-29-04
3. Air cycle machines / flow multiplier serviced to full.	<u>N/A</u> 4/29/04	QC345 04-29-04
4. APU serviced to full where applicable. Oil added: <u>0</u>	<u>N/A</u> 4/29/04	<u>N/A</u> 4/29/04
5. Manufacturer's recommended defueling procedure accomplished _____ - or - fuel tanks and fuel line drained to completely dry condition <input checked="" type="checkbox"/> (Indicate which defueling method used.)	<u>N/A</u> 4/29/04	QC345 04-29-04
6. Hydraulic fluid systems and tanks serviced to full.	<u>7942</u> 4/29/04	QC255 4/29/04
7. Oxygen serviced to full. Crew <input checked="" type="checkbox"/> Portables <input checked="" type="checkbox"/>	<u>7942</u> 04/29/04	QC255 4/29/04
8. Fire extinguishers - check and replace as required. a. Portable halon <input checked="" type="checkbox"/> b. Portable water <input checked="" type="checkbox"/> c. Engine <input checked="" type="checkbox"/>	<u>7943</u> 04/30/04	QC255 4/30/04
9. Nose and main landing gear tires and oleos serviced. Measure and record main landing gear oleo extensions for landing gear weighings (B727, B757, and B767 only) L _____ in. R _____ in.	<u>N/A</u> QC054 4/29/04	<u>N/A</u> QC054 4/29/04
10. Spare hydraulic fluid and oil - remove from aircraft.	<u>7943</u> 04/29/04	QC255 4/29/04
11. PFM box (if installed) - empty. Check sill guards stowed.	<u>7943</u> 04/29/04	QC255 4/29/04

FORM: 52-19-008 DATE: 12-15-02

STEP 4 N/A - NO APU-WIS-TYPE OK
STEP 9 N/A - DC-8 A/C 040524/04



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PRE-WEIGH SERVICING AND EQUIPMENT CHECKLIST

A/C TAIL NO. N748UP S/N 45948 DATE 04/29/04

MECH INSP

12	First aid kit installed.	7043 04/30/04	QC255 4/30/04
13	Crash axe installed.	7043 04/30/04	QC255 4/30/04
14	Water tanks drained and lavatories serviced.	7043 04/30/04	QC255 4/30/04
15	Check belly pit cargo nets installed.	7043 04/29/04	QC255 4/29/04
16	Check Deferred Item List for items removed from aircraft. Record removed items on UPS Weight and Balance Weighing Form (FORM: 52-19-011).	7043 04/30/04	QC255 4/30/04
17	All fairings, access panels and doors installed and closed, except gear doors.	7043 04/30/04	QC255 4/30/04
18	Cockpit and courier areas cleaned of litter and loose items not part of the aircraft.	7043 04/30/04	QC255 4/30/04
19	Main cargo deck and cargo pits cleaned of litter and loose items not part of the aircraft.	7043 04/30/04	QC255 4/30/04
20	Aircraft clean and dry (interior and exterior). NOTE: If aircraft has been newly washed, exposed to rain or snow, blow out trapped water from flight controls.	7043 04/30/04	QC255 4/30/04
21	Required emergency equipment - verify onboard # Life vests <u>7</u> #Rafts <u>0</u>	7043 04/30/04	QC255 4/30/04
22	Aircraft leveled and configured as per manufacturer's maintenance manual or manufacturer's weight and balance manual.	5377 4/30/04	QC345 04-30-04
23	Scales warmed and zeroed. Scale Mfg. <u>Road Runner II</u> Last date of calibration <u>5-22-03</u> Scale model no. <u>3-0057-BA-6C</u> S/N's <u>1001-6C</u>	5377 4/30/04	QC345 04-30-04
24	Current aircraft empty weight (obtain from Performance Engineering Department) <u>149,529</u> lbs.	5377 4/30/04	QC345 04-30-04

Inspector's Signature [Signature] Cert. No. [Signature]
Date 04-30-04